## SYSTEMS AND METHODS FOR AUTOMATIC END-TO-END PATH PROVISIONING FOR SONET NETWORKS

## **ABSTRACT OF THE DISCLOSURE**

Systems and methods for automatic end-to-end paths for SONET networks are

disclosed. The method for path provisioning generally includes obtaining path
parameters for each network element, performing discovery of paths including
determining connection possibilities based upon the path parameters, and provisioning an
end-to-end STS-n path based on the paths resulting from the discovery.